

52



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/020,335	12/12/2001	Edward O. Clapper	884.608US1	1740
21186	7590	03/24/2004	EXAMINER	
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. BOX 2938 MINNEAPOLIS, MN 55402			CHEN, PO WEI	
			ART UNIT	PAPER NUMBER
			2676	
			DATE MAILED: 03/24/2004	

4

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/020,335

Applicant(s)

CLAPPER, EDWARD O.

Examiner

Po-Wei (Dennis) Chen

Art Unit

2676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 December 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-48 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-48 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Art Unit: 2676

DETAILED ACTION

In response to an Amendment received on December 22, 2003. This action is final.

Claims 1-48 are pending in this application. Claims 1, 8, 15 and 22 are independent claims.

The present title of the invention is "Security System and Method for Visual Display".

The Group Art Unit of the Examiner case is now 2676. Please use the proper Art Unit number to help us serve you better.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-29, 32, 36, 38 and 46-48 are rejected under 35 U.S.C. 102(b) as being anticipated by Parikh et al. (US 5,801,697; refer to as Parikh herein).
3. Regarding claim 1, Parikh discloses a method for security enhancement for computer display comprising:

Preparing data for display on a display (lines 54-61 of column 2 and Fig. 2);

Modifying the data to form modified data, if at least one data attribute specifies that the data should be modified; displaying the modified data on the display, the modified data having reduced legibility (lines 59-63 of column 1 and line 32 of column 2 to line 53 of column 3 and Fig. 2 and 5; it is noted that the appearance of the document can be in different formats (data attributes) such as greyed or blurred as user desired. And the format function is programmed to

Art Unit: 2676

decide when and where the data should be modified and perform the modification according to the user).

4. Regarding claim 2, Parikh discloses a method for security enhancement for computer display comprising:

In modifying, the data is modified in accordance with one or more data attributes from the group comprising font, paragraph, page, document, user name, user location, device name, date, time, style name, data type, text, field, file name, cell, color, size, shape, angular orientation, intensity, and position (lines 54-61 of column 2 and lines 1-19 of column 3).

5. Regarding claim 3, Parikh discloses a method for security enhancement for computer display comprising:

Unmodifying the modified data to form unmodified data; and displaying the unmodified data on the display, the unmodified data being legible (lines 39-50 of column 3 and Fig. 5; it is noted that when the user moves the cursor on the page, the obscured area which was modified, will be unmodified and become visible, see Fig. 2-4).

6. Regarding claim 4, Parikh discloses a method for security enhancement for computer display comprising:

In unmodifying, the data is unmodified in accordance with a control signal from a user interface element from the group comprising a cursor position, a pointing device, a key, a button, a screen menu, a screen icon, a microphone, a touch sensitive screen, or a combination thereof (lines 14-19 and lines 39-50 of column 3 and Fig. 2 and 5; it is noted that the data is being modified (obscured) and unmodified (visible) depending on the input from various devices).

Art Unit: 2676

7. Regarding claim 5, Parikh discloses a method for security enhancement for computer display comprising:

In displaying, the modified data is blurred (lines 39-50 of column 2).

8. Regarding claim 6, as statements presented above, with respect to claim 2 are incorporated herein. It is noted that by modifying the data to be visible or blurry corresponding to different degree of blurring. Also see lines 42-53 of column 2.

9. Regarding claim 7, as statements presented above, with respect to claim 4 are incorporated herein. Furthermore, Parikh discloses modifying the degree of blur according to the user selection (lines 42-53 of column 2 and 10-32 of column 3). It is noted that by modifying the data to be visible or blurry corresponding to different degree of blurring.

10. Regarding claims 8-14, as statements presented above, with respect to claims 1-8 are incorporated herein. Also see Fig. 1-2.

11. Regarding claims 15-21, as statements presented above, with respect to claims 1-8 are incorporated herein. Also see Fig. 1-2.

12. Regarding claims 22-28, as statements presented above, with respect to claims 1-8 are incorporated herein. Also see Fig. 1-2.

13. Regarding claim 29, Parikh discloses a method for security enhancement for computer display comprising:

At least one data attribute is selected from the group consisting of font size, font type, font color, boldface, italics, and underlining (lines 59-63 of column 1 and lines 20-32 of column 3; greyed out or whiting out the data correspond to font color).

Art Unit: 2676

14. Regarding claim 32, Parikh discloses a method for security enhancement for computer display comprising:

At least one data attribute is selected from the group consisting of document name and document type (lines 1-9 of column 3; document title corresponds to document name).

15. Regarding claim 36, Parikh discloses a method for security enhancement for computer display comprising:

At least one data attribute is calendar date (lines 1-9 of column 3).

16. Regarding claim 38, Parikh discloses a method for security enhancement for computer display comprising:

At least one data attribute is a type of formatting style (lines 59-63 of column 1 and lines 20-32 of column 3; greyed out or whiting out the data correspond to formatting style).

17. Regarding claim 46, statements presented above, with respect to claim 1 are incorporated herein.

18. Regarding claim 47, statements presented above, with respect to claim 29 are incorporated herein.

19. Regarding claim 48, statements presented above, with respect to claim 5 are incorporated herein.

Claim Rejections - 35 USC § 103

20. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

21. Claims 30-31, 33-35, 37 and 39-45 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parikh et al. (US 5,801,697; refer to as Parikh herein).
22. Regarding claims 30-37 and 39-46, Parikh does not teach specific common data attributes such as paragraph line spacing, the group consisting of page number and page type, user name, user location, device name, time of day, group consisting of text data, currency data, and numerical data, a text type selected from the group consisting of a keyword and a character string, a database field, a file name, a spreadsheet cell, a computer-generated graphical image, and wherein the at least one data attribute is selected from the group consisting of color of the image, size of the image, shape of the image, angular orientation of the image, intensity of the image, and position of the image, a computer-processed pre-existing image, and wherein the at least one data attribute is selected from the group consisting of color of the image, size of the image, shape of the image, angular orientation of the image, intensity of the image, and position of the image.

However, such data attributes as broadly claimed are each well known in the prior art and each are capable of being used by Parikh so therefore this recitation is viewed as merely directed towards an "OBVIOUS INTENDED USE" of the data being modified because Parikh must use one of the data attributes sited and one is motivated to use one or the other based on environment and type of data of operation. The fact that so many data attributes are claimed may suggest that the specific data attribute being used to modify the data is not critical to practice of the apparatus.

Response to Arguments

23. Applicant's arguments filed December 22, 2003 have been fully considered but they are not persuasive.

Art Unit: 2676

The Applicant argues reference Parikh does not disclose “modifying the data to form modified data, if at least one data attributes specifies that the data should be modified”. However, this is known in the art taught by Parikh (lines 59-63 of column 1 and line 32 of column 2 to line 53 of column 3 and Fig. 2 and 5). It is noted that the appearance of the document can be in different formats (data attributes) such as greyed or blurred as user desired. And the format function is programmed to decide when and where the data should be modified and perform the modification according to the user. In the example disclosed by Parikh, the user can determine the modifying format such as greyed or blurring and the formatting function will know where and when the data should be modified depending on user cursor position or predefined area, if selected, and modify the data accordingly. Thus, limitation of the claim is met.

Conclusion

24. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

Art Unit: 2676

however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquiry

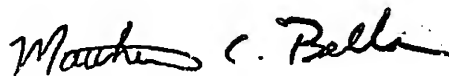
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Po-Wei (Dennis) Chen whose telephone number is (703) 305-8365. The examiner can normally be reached on Monday-Thursday from 8:30 AM to 7:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew C Bella can be reached on (703) 308-6829. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Po-Wei (Dennis) Chen
Examiner
Art Unit 2676

Po-Wei (Dennis) Chen
March 20, 2004



MATTHEW C. BELLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600